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(54) Title: CO-CURABLE COMPOSITIONS

(57) Abstract: A co-curable composition wherein the benefits of both epoxy resins and maleimides are enjoyed is obtained from a blend of an epoxy or episulfide resin, a free radical polymerizable component, and a crosslinker reactive with both the epoxy or episulfide resin and the free radical polymerizable component. The free radical polymerizable component includes a maleimide, itaconimide or nadimide compound. A crosslinker is defined having the structure A/C--X--FR wherein A/C is an anionically or cationically reactive functional group, X is a spacer and FR is free radically reactive functional group. A maleated (styrene)-butadiene copolymer as a crosslinker is also denoted. A method of co-curing the composition, a method for adhesively attaching a chip die to another chip die or a circuit board, and a semiconductor chip attached to and in electrical interconnection with either another semiconductor chip or a carrier substrate are espoused.

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